

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 (703) 746-4000

APR 08 2005

or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

7590

01/10/2005

Robert E. Bushnell  
 Suite 300  
 1522 K Street, N.W.  
 Washington, DC 20005

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

04/12/2005 MBEYENE2 00000001 10073898

01 FC:1501 1400.00 OP  
 02 FC:1504 300.00 OP

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/073,898	02/14/2002	Ju-Il Lee	P56604	6719

TITLE OF INVENTION: APPARATUS AND METHOD FOR PERFORMING SEEK-SERVO ROUTINE OF HARD DISK DRIVE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	04/11/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
WONG, KIN C	2651	360-078060

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Robert E. Bushnell, Esq.

2 \_\_\_\_\_

3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

SAMSUNG ELECTRONICS CO., LTD

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Suwon-si, Gyeonggi-do, KOREA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

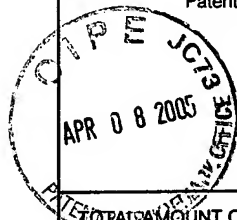
Authorized Signature Robert E. BushnellDate 4/8/2005Typed or printed name Robert E. BushnellRegistration No. 27,774

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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# FEE TRANSMITTAL

Patent fees are subject to annual revision.



## Complete If Known

Application Number	10/073,898
Filing Date	14 February 2002
First Named Inventor	JU-IL LEE
Examiner Name	WONG, KIN C
Group/Art Unit	2651
Attorney Docket No.	P56604

TOTAL AMOUNT OF PAYMENT

(\$)1,700.00

## METHOD OF PAYMENT (check one)

### 1. Payment Enclosed:

(CHECK #48929)

☒ Check ☐ Credit Card ☐ Money Order  
☐ Other

☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

☐ Applicant claims small entity status. See 37 CFR 1.27

2. The Commissioner is hereby authorized to charge any deficiency and credit any over payments to:

Deposit Account Number: 02-4943

## FEE CALCULATION

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
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### EXTENSION OF TIME FEES

1251	120	2251	60	Extension for reply within first month	\$
1252	450	2252	225	Extension for reply within second month	\$
1253	1020	2253	510	Extension for reply within third month	\$
1254	1590	2254	795	Extension for reply within fourth month	\$
1255	2160	2255	1080	Extension for reply within fifth month	\$

### APPEAL

1401	500	2401	250	Notice of Appeal	\$
1402	500	2402	250	Filing a brief in support of an appeal	\$
1403	1000	2403	500	Request for oral hearing	\$

### CLAIMS

1201	200	2201	100	Independent claims in excess of 3	\$
1202	50	2202	25	claims in excess of 20	\$

Other Fee (specify) \_\_\_\_\_ \$

Other Fee (specify) \_\_\_\_\_ \$

Other Fee (specify) \_\_\_\_\_ \$

**SUBTOTAL: LEFT COLUMN** \$0.00

## FEE CALCULATION

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
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### MISCELLANEOUS

1501	\$1400	2501	\$700	Utility issue fee	\$1400.00
1504	\$300			Publication fee for early, voluntary, or normal publication	\$ 300.00
1801	\$790	2801	\$395	Request for continued examination (RCE)	\$
1806	\$180			Submission of an IDS	\$
1814	\$130	2814	\$130	Statutory disclaimer	\$
8021	\$40			Recordation of assignment per property	\$

### TRADEMARK

6001/7001	\$335			Application for registration, per class	\$
6002/7002	\$100			Amendment to Allege Use, per class	\$
6003/7003	\$100			Statement of Use, per class	\$
6004/7004	\$150			Request for six-month extension of time, per class	\$
6205/7205	\$100			\$8 affidavit, per class	\$
6208/7208	\$200			\$15 affidavit, per class	\$
6201/7201	\$400			Application for renewal, per class	\$
6403/7403	\$100			Ex parte appeal, per class	\$

### PETITION

1462	\$400			Petitions to Director (Group I)	\$
1463	\$200			Petitions to Director (Group II)	\$
1464	\$130			Petitions to Director (Group III)	\$
1452	\$500	2452	\$250	Petitions to revive unavoidably abandoned application	\$
1453	\$1500	2453	\$750	Petitions to revive unintentionally abandoned application	\$

### PATENT MAINTENANCE

1551	\$900	2551	\$450	Due at 3.5 years	\$
1552	\$2300	2552	\$1150	Due at 7.5 years	\$
1553	\$3800	2553	\$1900	Due at 11.5 years	\$

Other Fee (specify) \_\_\_\_\_ \$

Other Fee (specify) \_\_\_\_\_ \$

Other Fee (specify) \_\_\_\_\_ \$

**SUBTOTAL: RIGHT COLUMN** \$1,700.00

## SUBMITTED BY

Typed or Printed Name

Robert E. Bushnell, Esq.

## Complete (if applicable)

Reg. Number

27,774

Signature

*Robert E. Bushnell*

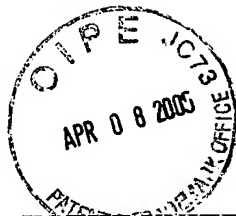
Date

April 8, 2005

Deposit Account User ID

REB/gc

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Patent  
P56604

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

JU-IL LEE

Serial No.: 10/073,898

Examiner: WONG, KIN C

Filed: 14 February 2002

Art Unit: 2651

For: *APPARATUS FOR RECORDING/REPRODUCING HIGH RESOLUTION VIDEO SIGNAL*


**ISSUE TRANSMITTAL**

**Mail Stop : ISSUE FEE**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This transmittal accompanies a signed Issue Fee Transmittal, PTOL-85B, and Applicant's check drawn to the order of the Commissioner of Patents & Trademarks in the amount of U.S. \$1700.00.

Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell, Esq.  
Reg. No.: 27,774

1522 "K" Street, N.W., Suite 300  
Washington, D.C. 20005  
(202)-408-9040

Enclosures: Issue Fee Transmittal, PTOL-85B, and check No.48929  
Folio: P56604  
Date: April 8, 2005  
REB/gc